

FIRST
D R A F T

MEMORANDUM FOR: Director of Communications

VIA: Acting Deputy Director for Administration

FROM: James H. McDonald
Director of Logistics

SUBJECT: New Communications Support Requirements for
FY 1980 - 1984

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REFERENCE: DDA 77-5652 dated 21 October 1977

1. In accordance with referent memorandum, we have reviewed our communications requirements for the period FY 1980-1984. The requirements previously provided for the period FY 1979-1983 remain unchanged. Additional requirements, both firm and conceivable, are as follows:

a. A firm FY 1980 requirement exists to transmit (computer to computer) graphics material produced on a device similar to the Geni-graphics from the Headquarters Building to the Printing and Photography (P&P) Building.

b. It is anticipated that a backup for the infrared transmission system will be required to achieve the necessary reliability. As you know, your office has scheduled the installation and testing of the infrared system between the Headquarters and P&P Buildings for January 1978. This link should be operational by April 1978, and will be capable of handling ETECS, computer output microfilm, and MIS related traffic. According to current plans, a link between the Office of Data Processing (ODP) and the Headquarters ETECS center (ref our FY 1977-1981 requirements, OL 5-0543a) will be installed prior to the end of FY 1978.

81-84

c. It is possible that, during the specified ~~time~~ time frame, increased data transfer rates -- probably computer-to-computer speeds (9600 baud) -- between the Office of Logistics (OL) in the [] and the [] will be required. If warranted by the amount of data being transferred between OL in [] and both the [] Office and the [] this same requirement for speeds in excess of secure voice speeds is within the realm of possibility for these activities.

d. The possibility of installing a minicomputer and terminal in our Building Services Branch, Logistics Services Division in the Headquarters Building is being explored with ODP.

~~e.~~ The prospect of obtaining additional space is poor at this time, but there is a good possibility of acquiring space in the future if the moratorium on federal acquisition of leased property is lifted by the General Services Administration. At the present time, we have requirements for approximately 85,000 square feet of space for which we would require a secure voice system similar to that installed in [] provided, of course, that the new building is located along []

2. It should also be noted that facsimile and data transmission to a laser platemaker for intelligence publication^s and facsimile transmission for instant reproduction of photographic material are actual FY 1980 requirements rather than potential ones as stated in our requirements memorandum for FY 1977-1981, (OL 5-0543a).

3. Any questions concerning these requirements may be directed to []

[] of our Plans and Programs Staff on []

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currently
2400
(could be
increased
only to
4800)

OMIT

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Commo Reqs

FY 1980 - 1984

1. Last submission to OC stated that the requirements previously provided for the period FY-79 - FY-83 remain unchanged. How should this subject be addressed for this go round? Possibly this should be a question in covering memo. to All Divisions and Staffs.
2. a. Secure Voice -
b. data comms.
c. Facsimile comms.
d. Record comms.
3. OC will provide assistance at the Division level.
2. a. Green Phone (or Gray) Narrow Band secure voice

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~~SECRET~~

b. Data Comm.
Any additional service such as Delta Data, High Speed Printing

- C. If you want to transmit pictures or documents, which are difficult
- d. Cable Traffic
i.e. KW-7 protected circuit

OFFICE OF LOGISTICS SUPPORT FY-1977/1979

FY-1977- Provision of Secure Voice/Data service between []
building and the [] Procurement Office.

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FY-1978- Implementation of the FAR system between []
and the Defense Supply Agency for secure data exchange.

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Implementation of Phase I (narrowband) data service
between Headquarters building and P&PD in support of
ETECS.

FY-1979- Provision of Secure Voice/Data service []

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[]
Phase II of the ETECS system. (wideband)

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